



PTO/SB/08A (04-03)

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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 1

<i><b>Complete if Known</b></i>	
Application Number	10/015,440
Filing Date	December 13, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	
Attorney Docket Number	HOOV 121

## **U. S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

**Examiner  
Signature**

Bosil and Keweenal Rollins

Date Considered

8/21/03

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and note considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Substitute for form 1449A/PTO  
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Sheet 1 of 1

<p>control number.</p> <p>Substitute for form 1449A/PTO</p> <p><b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<p><b>Complete if Known</b></p>	
				Application Number	10/015,440
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Sheet	1	of	1	Attorney Docket Number	HOOV 121

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## FOREIGN PATENT DOCUMENTS

Examiner Signature: *Bonita L. Koenig (BLL/KD)* Date Considered: 8/21/03

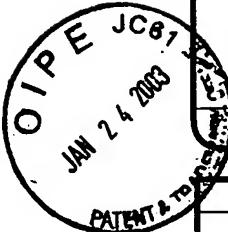
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		Application Number	10/015,440
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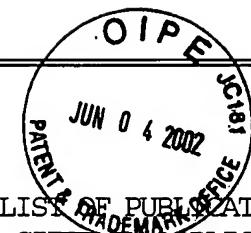
## FOREIGN PATENT DOCUMENTS

Examiner Signature	Rosemary Keay-Peterson	Date Considered	8/21/03
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Attorney Docket No.  
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Serial No.  
10/015,440

Applicant  
Michael D. HOOVEN

Filing Date  
December 13, 2001

Group  
3739

#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RKR	3,630,207	12/28/71	Kahn et al	128	350	08/08/69
	3,901,242	08/26/75	Storz	128	303	05/30/74
	4,043,342	08/23/77	Morrison, Jr.	128	303	02/26/76
	4,353,371	10/12/82	Cosman	128	303	09/24/80
	4,492,231	01/08/85	Auth	128	303	09/17/82
	4,590,934	05/27/86	Malis et al	128	303	05/18/83
	4,706,667	11/17/87	Roos	128	303	07/28/86
	4,732,149	03/22/88	Sutter	128	303	01/21/87
	4,802,475	02/07/89	Weshahy	128	303	06/22/87
	4,940,064	07/10/90	Desai	128	784	06/30/87
	5,013,312	05/07/91	Parins et al	606	37	03/19/90
	5,083,565	01/28/92	Parins	128	642	08/03/90
	5,085,657	02/04/92	Ben-Simhon	606	42	10/09/90
	5,087,243	02/11/92	Avitall	604	20	06/18/90
	5,116,332	05/26/92	Lottick	606	42	02/08/92
	5,147,355	09/15/92	Friedman	606	23	09/23/88
	5,190,541	03/02/93	Abele et al	606	46	10/17/90
	5,207,691	05/04/93	Nardella	606	142	11/01/91

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	EP 0 765 639 WO 98/17187 WO 98/53750	04/02/97 04/30/98 12/03/98	Ethicon Endo-Surgery Inc Heartport, Inc. Sports Link, Inc.	7	7	09/27/96 10/22/97 05/28/98

#### OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages)

RKR English abstract re Japanese Patent Application No. JP 199600275351  
published April 28, 1997.

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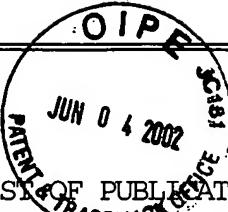
*Bailey and Kearny Polin, J.*

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 <b>JUN 04 2002</b> LIST OF PUBLICATIONS CITED BY APPLICANT	<u>Attorney Docket No.</u>	<u>Serial No.</u>
	HOOV 121	10/015,440
	<u>Applicant</u> Michael D. HOOVEN	
<u>Filing Date</u> December 13, 2001	<u>Group</u> 3739	

#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RKR	5,217,460	06/08/93	Knopfler	606	52	03/22/91
	5,231,995	08/03/93	Desai	128	784	09/30/92
	5,242,441	09/07/93	Avitall	606	41	02/24/92
	5,250,047	10/05/93	Rydell	606	48	10/21/91
	5,250,075	10/05/93	Badie	606	207	09/02/92
	5,263,493	11/23/93	Avitall	607	122	07/07/92
	5,269,326	12/14/93	Verrier	128	642	10/24/91
	5,269,780	12/14/93	Roos	606	42	09/27/91
	5,281,215	01/25/94	Milder	606	20	06/15/92
	5,281,216	01/25/94	Kliceck	606	42	03/31/92
	5,293,869	03/15/94	Edwards et al	128	642	09/25/92
	5,318,589	06/07/94	Lichtman	606	205	04/15/92
	5,327,905	07/12/94	Avitall	128	772	12/11/92
	5,354,297	10/11/94	Avitall	606	45	07/07/92
	5,357,956	10/25/94	Nardella	128	642	11/13/92
	5,397,339	03/14/95	Desai	607	116	05/07/93
	5,403,312	04/04/95	Yates et al	606	50	07/22/93
	5,423,807	06/13/95	Milder	606	20	01/24/94

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WO 99/02096	01/21/99	The Regents of the Univ. of California	7	7	07/08/98
	WO 99/04696	02/04/99	Cardiac CRC Nominees Pty., Ltd.			07/24/98
	WO 99/12487	03/18/99	Valleylab			09/04/98

#### OTHER PUBLICATIONS

(Including Author, Title, Date, Pertinent Pages).

EXAMINER:	DATE CONSIDERED:
<i>Rosiland Kennedy Rollin</i>	<i>8/21/03</i>

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KLD	5,429,131	07/04/95	Scheinman et al	128	642	02/25/94
	5,429,636	07/04/95	Shikhman et al	606	41	10/08/93
	5,438,302	08/01/95	Goble	331	167	07/11/94
	5,441,483	08/15/95	Avitall	604	95	11/08/93
	5,443,463	08/22/95	Stern et al	606	51	08/16/93
	5,445,638	08/29/95	Rydell et al	606	51	07/16/93
	5,449,355	09/12/95	Rhum et al	606	41	11/24/93
	5,451,223	09/19/95	Ben-Simhon	606	42	07/26/94
	5,454,370	10/03/95	Avitall	128	642	12/03/93
	5,465,716	11/14/95	Avitall	128	642	11/22/93
	5,472,441	12/05/95	Edwards et al	606	41	03/11/94
	5,478,309	12/26/95	Sweezer et al	604	4	05/27/94
	5,480,409	01/02/96	Riza	606	205	05/10/94
	5,487,385	01/30/96	Avitall	128	642	12/03/93
	5,496,312	03/05/96	Kliceck	606	34	10/07/93
	5,500,011	03/19/96	Desai	607	116	11/04/94
	5,531,744	07/02/96	Nardella et al	606	48	12/01/94
	5,536,267	07/16/96	Edwards et al	606	41	08/12/94
	5,555,883	09/17/96	Avitall	128	642	01/30/95

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WO 99/56486	11/04/99	Nokia Telecommunications OY	7	7	04/28/99
	WO 99/56644	11/11/99	Cardiac Pacemakers, Inc.	7	7	04/28/99
	WO 99/56648	11/11/99	Cardiac Pacemakers, Inc.	7	7	04/28/99

#### OTHER PUBLICATIONS

(Including Author, Title, Date, Pertinent Pages)

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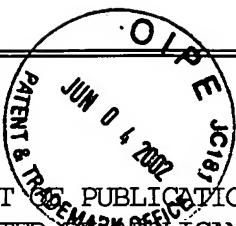
*Rosiland Kearney Hollis*

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#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
PKR	5,562,721	10/08/96	Marchlinski et al	607	99	05/10/95
	5,564,440	10/15/96	Swartz et al	128	898	11/03/94
	5,582,609	12/10/96	Swanson et al	606	39	08/08/94
	5,587,723	12/24/96	Otake et al	345	118	04/13/94
	5,595,183	01/21/97	Swanson et al	128	697	02/17/95
	5,599,350	02/04/97	Schulze et al	606	51	04/03/95
	5,611,813	03/18/97	Lichtman	606	205	04/28/95
	5,620,459	04/15/97	Lichtman	606	205	04/25/95
	5,642,736	07/01/97	Avitall	128	772	08/19/96
	5,655,219	08/05/97	Jusa et al	370	338	03/04/94
	5,672,174	09/30/97	Gough et al	606	41	01/16/96
	5,674,220	10/07/97	Fox et al	606	51	09/29/95
	5,683,384	11/04/97	Gough et al	606	41	08/15/95
	5,687,737	11/18/97	Branham et al	128	710	10/31/94
	5,688,270	11/18/97	Yates et al	606	51	01/18/95
	5,690,611	11/25/97	Swartz et al	604	53	11/14/94
	5,693,051	12/02/97	Schulze et al	606	51	04/12/95
	5,697,925	12/16/97	Taylor	606	34	06/09/95

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
↓	WO 97/32525	09/12/97	Cardiac Pathways Corp.	7	7	11/04/96
	WO 99/44519	09/10/99	Atrionix, Inc.			03/02/99
↓	WO 99/59486	11/25/99	New England Medical Ctr.	7	7	05/20/99
	WO 00/21449	04/20/00	Levin, J.M.			10/09/98

#### OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages)

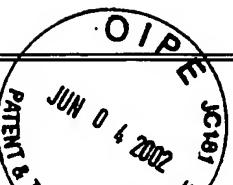
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Rosiland Kerney Rollins

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RKR	5,697,928	12/16/97	Walcott et al	606	41	09/23/96
	5,702,359	12/30/97	Hofmann et al	604	20	06/06/95
	5,702,390	12/30/97	Austin et al	606	48	03/12/96
	5,702,438	12/30/97	Avitall	607	122	06/08/95
	5,709,680	01/20/98	Yates et al	606	50	12/22/94
	5,718,703	02/17/98	Chin	606	49	03/14/95
	5,722,403	03/03/98	McGee et al	128	642	10/28/96
	5,725,512	03/10/98	Swartz et al	604	280	02/08/96
	5,728,143	03/17/98	Gough et al	607	101	02/14/96
	5,730,127	03/24/98	Avitall	128	642	01/29/96
	5,730,704	03/24/98	Avitall	600	374	05/06/96
	5,733,280	03/31/98	Avitall	606	23	11/15/95
	5,735,847	04/07/98	Gough et al	606	45	12/19/95
	5,735,849	04/07/98	Baden et al	606	51	11/07/96
	5,740,808	04/21/98	Panescu et al	128	662	10/28/96
	5,755,664	05/26/98	Rubenstein	600	377	07/11/96
	5,755,717	05/26/98	Yates et al	606	51	01/16/96
	5,759,158	06/02/98	Swanson	600	508	08/19/97
	5,782,827	07/21/98	Gough et al	606	41	12/19/95

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WO 00/27310 (A2 & A3)	05/18/00	St. Jude Medical Cardiovascular Group Inc			11/05/99
	WO 00/27311	05/18/00	St. Jude Medical Cardiovascular Group Inc			11/05/99

#### OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages)

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R KR	5,782,828	07/21/98	Chen et al	606	42	12/11/96
	5,785,706	07/28/98	Bednarek	606	41	11/18/96
	H 1745	08/04/98	Paraschac	606	51	09/29/95
	5,797,906	08/25/98	Rhum et al	606	48	04/28/95
	5,797,960	08/25/98	Stevens et al	606	213	04/20/95
	5,800,484	09/01/98	Gough et al	607	104	09/03/96
	5,807,393	09/15/98	Williamson, IV et al	606	32	05/08/95
	5,807,395	09/15/98	Mulier et al	606	41	04/22/97
	5,810,804	09/22/98	Gough et al	606	41	03/15/96
	5,810,805	09/22/98	Sutcu et al	606	45	02/09/96
	5,810,811	09/22/98	Yates et al	606	50	04/04/97
	5,817,091	10/06/98	Nardella et al	606	38	05/20/97
	5,823,955	10/20/98	Kuck et al	600	374	11/20/95
	5,823,956	10/20/98	Roth et al	600	374	05/07/96
	5,829,447	11/03/98	Stevens et al	128	898	05/07/96
	5,833,690	11/10/98	Yates et al	606	52	04/04/97
	5,833,703	11/10/98	Manushakian	606	174	03/14/97
	5,842,984	12/01/98	Avitall	600	374	11/12/97

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WO 00/27312	05/18/00	St. Jude Medical Cardiovascular Group Inc	7	7	11/05/99
	WO 00/27313	05/18/00	St. Jude Medical Cardiovascular Group Inc		TC 374	11/05/99
	WO 00/42931	07/27/00	Cryocath Technologies			01/25/00

OTHER PUBLICATIONS  
(Including Author, Title, Date, Pertinent Pages)

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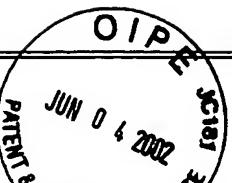
Rosiland Kennedy Phillips

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RKR	5,843,075	12/01/98	Taylor	606	34	02/06/97
	5,843,122	12/01/98	Riza	606	207	09/30/97
	5,846,238	12/08/98	Jackson et al	606	41	04/08/96
	5,849,011	12/15/98	Jones et al	606	47	06/18/96
	5,849,020	12/15/98	Long et al	606	167	06/30/97
	5,853,411	12/29/98	Whayne et al	606	41	04/08/96
	5,855,614	01/05/99	Stevens et al	623	11	05/07/96
	5,860,975	01/19/99	Goble et al	606	45	12/15/95
	5,863,290	01/26/99	Gough et al	606	41	12/19/95
	5,863,291	01/26/99	Schaer	606	41	04/08/96
	5,868,737	02/09/99	Taylor et al	606	34	05/06/97
	5,871,483	02/16/99	Jackson et al	606	41	04/08/96
	5,873,896	02/23/99	Ideker	607	14	05/27/97
	5,876,400	03/02/99	Songer	606	45	01/13/97
	5,876,401	03/02/99	Schulze et al	606	51	04/14/97
	5,891,135	04/06/99	Jackson et al	606	41	04/08/96
	5,891,136	04/06/99	McGee et al	606	41	04/08/96
	5,893,863	04/13/99	Yoon	606	170	05/01/97
	5,899,898	05/04/99	Arless et al	606	22	02/27/97
	5,899,899	05/04/99	Arless et al	606	22	07/11/97

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WO 00/42932	07/27/00	Cryocath Technologies			01/25/99
	WO 00/42933	07/27/00	Cryocath Technologies			01/25/99
	WO 00/42934	07/27/00	Daig Corporation			01/07/00

OTHER PUBLICATIONS  
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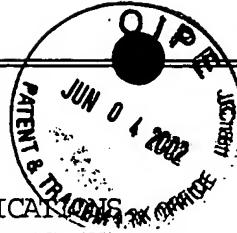
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Attorney Docket No.  
HOOV 121

Serial No.  
10/015,440

Applicant  
Michael D. HOOVEN

Filing Date  
December 13, 2001

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3739

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BKR	5,902,289	05/11/99	Swartz et al	604	281	10/14/97
	5,910,129	06/08/99	Koblish et al	604	95	10/30/97
	5,913,855	06/22/99	Gough et al	606	41	11/03/97
	5,921,924	07/13/99	Avitall	600	374	11/12/97
	5,925,038	07/20/99	Panescu et al	606	41	04/08/96
	5,925,042	07/20/99	Gough et al	606	41	11/03/97
	5,924,424	07/20/99	Stevens et al	128	898	10/14/97
	5,928,229	07/27/99	Gough et al	606	41	10/30/97
	5,931,836	08/03/99	Hatta et al	606	38	07/21/97
	5,935,126	08/10/99	Riza	606	51	09/30/97
	5,938,660	08/17/99	Swartz et al	606	45	06/27/97
	5,941,251	08/24/99	Panescu et al	128	899	11/08/96
	5,941,845	08/24/99	Tu et al	604	53	08/05/97
	5,944,718	08/31/99	Austin et al	606	48	07/31/97
	5,947,938	09/07/99	Swartz et al	604	280	01/10/97
	5,951,552	09/14/99	Long et al	606	46	06/30/97
	5,951,547	09/14/99	Gough et al	606	41	11/03/97
	5,954,665	09/21/99	Ben-Haim	600	515	10/23/97
	5,961,514	10/05/99	Long et al	606	41	06/18/97
	5,967,976	10/19/99	Larsen	600	374	11/08/96
	5,971,983	10/26/99	Lesh	606	41	05/09/97
	5,972,026	10/26/99	Laufer et al	607	96	01/07/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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OTHER PUBLICATIONS  
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Applicant  
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DKR	5,980,516	11/09/99	Mulier et al	606	41	03/09/98
	5,980,517	11/09/99	Gough	606	41	03/25/98
	5,984,281	11/16/99	Hacker et al	261	71	12/08/97
	5,997,533	12/07/99	Kuhns	606	41	01/30/98
	6,010,516	01/04/00	Hulka	606	148	03/20/98
	6,010,531	01/04/00	Donlon et al	623	2	01/31/96
	6,012,457	01/11/00	Lesh	128	898	07/08/97
	6,013,074	01/11/00	Taylor	606	34	12/15/97
	6,016,809	01/25/00	Mulier et al	128	898	10/09/97
	6,017,358	01/25/00	Yoon et al	606	205	05/01/97
	6,023,638	02/08/00	Swanson	600	510	05/22/98
	6,024,740	02/15/00	Lesh et al	606	34	07/08/97
	6,024,741	02/15/00	Williamson, IV et al	606	40	03/05/97
	6,030,403	02/29/00	Long et al	606	185	03/18/99
	6,036,670	03/14/00	Wijeratne et al	604	96	12/23/97
	6,039,731	03/21/00	Taylor et al	606	34	10/29/98
	6,039,733	03/21/00	Buyssee et al	606	40	06/25/98
	6,039,748	03/21/00	Savage et al	606	180	08/05/97
	6,047,218	04/04/00	Whayne et al	607	122	04/23/99
	6,048,329	04/11/00	Thompson et al	604	95	10/30/97
	6,110,098	08/29/00	Renirie et al	600	16	12/18/96

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

OTHER PUBLICATIONS  
(Including Author, Title, Date, Pertinent Pages)

EXAMINER:

*Roseland Koenig Bellis*

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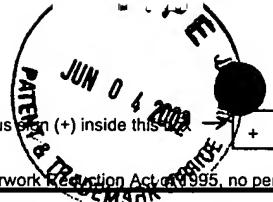
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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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10 of 12

**Complete if Known**

Application Number	10/015,440
Filing Date	December 13, 2001
First Named Inventor	Michael D. Hooven
Group Art Unit	3739
Examiner Name	

She

10 of 12

Attorney Docket Number HOOV 121

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
BKR	1	1,127,948		R. H. Wappler	02/09/1915	
	2	5,009,661		Michelson	04/23/1991	
	3	5,044,947		Sachdeva et al.	09/03/1991	
	4	5,242,458		Bendel et al.	09/07/1993	
	5	5,254,130		Johnson	04/26/1994	
	6	5,452,733		Sterman et al.	09/26/1995	
	7	5,571,215		Sterman et al.	11/05/1996	
	8	5,575,766		Swartz et al.	11/19/1996	
	9	5,587,723		Otake et al.	12/24/1996	
	10	5,814,028		Swartz et al.	09/29/1998	
	11	6,161,543		Cox et al.	12/19/2000	
	12	6,237,605		Vaska et al.	05/29/2001	
	13	6,311,692		Vaska et al.	11/06/2001	
	14	6,314,962		Vaska et al.	11/13/2001	
	15	6,314,963		Vaska et al.	11/13/2001	
	16	5,306,234		Johnson	04/26/1994	
	17	5,776,130		Buvsse et al.	07/07/1998	
V	18	5,562,699		Heimberger et al.	10/08/1996	

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## FOREIGN PATENT DOCUMENTS

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11 of 12

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Application Number	10/015,440
Filing Date	December 13, 2001
First Named Inventor	Michael D. Hooven
Group Art Unit	3739
Examiner Name	
Attorney Docket Number	HOOV 121

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BKR	24	YOSHIO KOSAKAI, M.D., ET AL., "Cox Maze Procedure for Chronic Atrial Fibrillation Associated with Mitral Valve Disease," THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, 1994; Vol. 108, No. 6, pp. 1049-1055.	
	25	Ki-Bong Kim, M.D., ET AL., Abstract "The Cox-Maze III Procedure for Atrial Fibrillation Associated with Rheumatic Mitral Valve Disease," THE ANNALS OF THORACIC SURGERY, 2000; pp. 1-5.	
	26	HIROSHI NAKAGAWA, ET AL., Abstract, "Creation of Long Linear Transmural Radiofrequency Lesions in Atrium Using a Novel Spiral Ribbon - Saline Irrigated Electrode Catheter," JOURNAL OF AMERICAN COLLEGE OF CARDIOLOGY, February, 1996.	
	27	TAIJIRO SUEDA, ET AL., "Efficacy of a Simple Left Atrial Procedure for Chronic Atrial Procedure for Chronic Atrial Fibrillation in Mitral Valve Operations," THE ANNALS OF THORACIC SURGERY, 1997, Vol. 63, pp. 1070-1073.	
	28	Re: DR. ADAM E. SALTMAN, New Program in Surgical Electrophysiology Established, Interet Website of Departmental News, Dept. of Surgery, University Hospital & Medical Center, Stony Brook State University of New York ( <a href="http://www.informatics.synsb.edu/surgery/electro-news.html">www.informatics.synsb.edu/surgery/electro-news.html</a> ); 2000, pp. 1-2.	
	29	MIEN-CHENG CHEN, M.D., ET AL., "Radiofrequency and Cryoablation of Atrial Fibrillation in Patients Undergoing Valvular Operations," ANALS OF THORACIC SURGERY, 1998;65:1666-1672.	
	30	ARIF ELVAN, M.D., ET AL., Abstract, "Radiofrequency Catheter Ablation of the Atria Reduces Inducibility and Duration of Atrial Fibrillation in Dogs," CIRCULATION, 1995;91:2235-2244.	
	31	WARREN M. JACKMAN, M.D., ET AL., "Radiofrequency Current Directed Across the Mitral Anulus With a Bipolar Epicardial-Endocardial Catheter Electrode Configuration in Dogs," CIRCULATION, 1988; Vol. 78, No. 5, pp. 1288-1297.	
	32	James L. Cox, M.D., Ed., "Seminars in Thoracic and Cardiovascular Surgery: The Maze Procedure for Atrial Fibrillation," 2000, Vol. 12, No. 1.	
	33	LAURAN NEERGAARD, "Slicing a Heart to Make It Beat," Article from THE ASSOCIATED PRESS, March 26, 1998 Website ( <a href="http://www.nando.com/newsroom/ntn/health/032698/health24_22737_body.html">www.nando.com/newsroom/ntn/health/032698/health24_22737_body.html</a> ).  RECEIVED JUN 10 2002 3100 MAIL ROOM	

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12 of 12

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Application Number	10/015,440
Filing Date	December 13, 2001
First Named Inventor	Michael D. Hooven
Group Art Unit	3739
Examiner Name	

Attorney Docket Number HOOV 121

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	34	YOSHITO INOUE, ET AL., "Video Assisted Thoracoscopic and Cardioscopic Radiofrequency Maze Ablation," ASAIO JOURNAL, 1997, pp. 334-337.	
	35	YOSHITO INOUE, ET AL., Abstract, "Video Assisted Thoracoscopic and Cardioscopic Radiofrequency Maze Ablation," ASAIO JOURNAL, 1997.	
	36	MARY O. PALAZZO, RN, MS, CCRN, "What You Need To Know - a-fib 101," from the ATRIAL FIBRILLATION PAGE Website ( <a href="http://www.members.aol.com/mazern/afib101.htm">www.members.aol.com/mazern/afib101.htm</a> ) June 5, 2000.	
	37	MARY O. PALAZZO, RN, MS, CCRN, "What You Need To Know - maze FAQ," from the ATRIAL FIBRILLATION PAGE Website ( <a href="http://www.members.aol.com/mazern/mazefaq.htm">www.members.aol.com/mazern/mazefaq.htm</a> ) November 25, 1999.	
	38	MARY O. PALAZZO, RN, MS, CCRN, "What You Need To Know - maze FAQ," from the ATRIAL FIBRILLATION PAGE Website ( <a href="http://www.members.aol.com/mazern/mazefaq.htm">www.members.aol.com/mazern/mazefaq.htm</a> ) June 21, 2000.	
	39	STUART P. THOMAS, ET AL., "Mechanism, Localization and Cure of Atrial Arrhythmias Occurring After a New Intraoperative Endocardial Radiofrequency Ablation Procedure for Atrial Fibrillation," JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, 2000, Vol. 35, No. 2, pp. 442-450.	
	40	IVAN M. ROBBINS, M.D., ET AL., "Pulmonary Vein Stenosis After Catheter Ablation of Atrial Fibrillation," CIRCULATION, 1998; 98:1769-1775.	
	41	AKIRA t. KAWAGUCHI, ET AL., "Factors Affecting Rhythm After the Maze Procedure for Atrial Fibrillation," CIRCULATION, 1998; Vol. 78, No. 5, pp. 1288-1296.	
	42	TAIJIRO SUEDA, ET AL., "Simple Left Atrial Procedure for Chronic Atrial Fibrillation Associated with Mitral Valve Disease," THE ANNALS OF THORACIC SURGERY, 1996;62:1796-1800.	
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